

## Abstract

In a packet-based wireless access network, packet route selection is made in a terminal which communicates with the network via a wireless link. The route selection process  
5 uses information provided by the network relating to links in the network, and information available in the terminal relating to its wireless link to the network. Consequently the selected route may be via a wireless link between the terminal and a network node that does not provide the best signal strength but  
10 has the best prospect of providing a required Quality-of-Service (QoS) for a traffic flow. Monitoring enables the terminal to update the route selection to maintain the required QoS, despite changing conditions and handover, without a need for signalling messages.